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## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	08/01/2024	KGLEBOVA	NOTTINGHAM

F

F

E

E

D

D

C

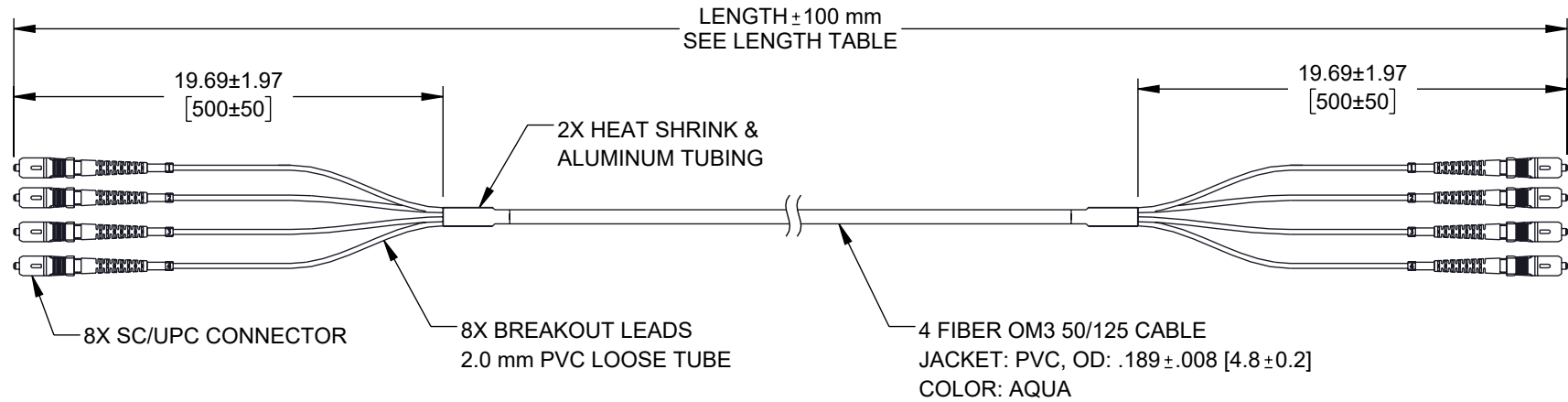
C

B

B

A

A



## CABLE SPECIFICATIONS

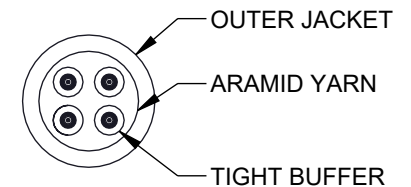
ITEM	SPECIFICATION
TIGHT BUFFER DIAMETER	.033 $\pm$ .002 [0.85 $\pm$ 0.05]
TIGHT BUFFER MATERIAL	PVC
MIN. BEND RADIUS (D: CABLE DIAMETER)	7.5D mm STATIC 15D mm DYNAMIC
SHORT-TERM TENSILE	320 N
LONG-TERM TENSILE	160 N
SHORT-TERM CRUSH RESISTANCE	1000 N/100 mm
LONG-TERM CRUSH RESISTANCE	300 N/100 mm
STRENGTH MEMBER	ARAMID YARN

## OPTICAL SPECIFICATIONS

FIBER TYPE	MULTIMODE
INSERTION LOSS	$\leq$ 0.3 dB
RETURN LOSS	$\geq$ 30 dB

## ITEM NUMBER

ITEM NUMBER	LENGTH	
	METERS	FEET
FCA-4M3SCUSCUV2-05	5.0	16.40
FCA-4M3SCUSCUV2-10	10.0	32.81
FCA-4M3SCUSCUV2-15	15.0	49.21



## NOTES:

- ALL CONNECTORS ACCOMPANIED WITH A DUST CAP INSTALLED (NOT SHOWN).
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED AND LABELED.

REGULATORY COMPLIANCE:  
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
X =  $\pm$  2 [5]  
XX =  $\pm$  02 [0.5]  
XXX =  $\pm$  005 [0.13]

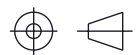
FRACTIONS  
 $\pm$  1/32  
ANGLES  $\pm$  1°

CABLE LENGTH TOLERANCES:  
 $\leq$  12 [305] =  $\pm$  1 [25] / -0  
> 12 [305]  $\leq$  60 [1524] =  $\pm$  2 [51] / -0  
> 60 [1524]  $\leq$  120 [3048] =  $\pm$  4 [102] / -0  
> 120 [3048]  $\leq$  300 [7620] =  $\pm$  8 [152] / -0  
> 300 [7620] =  $\pm$  5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE.  
UN-DIMENSIONED (NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

## DESCRIPTION

FIBER DIST CABLE, 4 STRAND SC/UPC-SC/UPC OM3, 4.8 mm  
PVC JKT, 2.0 mm BREAKOUT AT .5M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	KGLEBOVA	FCA-4M3SCUSCUV2	A

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